

# EUROPEAN PATENT OFFICE

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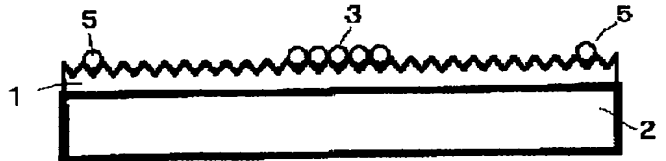
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TITLE : OPTICAL FIBER ARRAY ELEMENT  
AND MANUFACTURE OF IT



ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical fiber array structure and a manufacturing method for it, capable of improving array precision of a plurality of optical fibers arrayed on a base plate.

SOLUTION: This optical fiber array is constituted of a plurality of optical fibers 3, a first optical fiber holding member 1 for arraying the tips of a plurality of optical fibers 3 at equal distances, a flat plate member 2, and bond. A plurality of auxiliary optical fibers 5 are arranged on the first optical fiber holding member or on the flat plate member 2 in order to vertically uniformly arranging a plurality of optical fibers 3 arrayed at equal distances.

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